

# Supermicro SuperServer SYS-1029U-E1CRTP 1U DP 10xSFF 2x10GbE SFP+ RED PSU

Kod producenta: SYS-1029U-E1CRTP



|                        |   |
|------------------------|---|
| Chassis Form Factor    | Rack 1U   |
| CPU Socket             | LGA 3647 (Socket P)   |
| # of CPU sockets       | 2   |
| Supported CPU's        | Intel Xeon Scalable Processors  |
| Max CPU TDP            | 205 W   |
| Chipset                | Intel C621  |
| Memory Type            | DDR4 ECC 3DS LRDIMM<br>DDR4 ECC RDIMM   |
| Memory Speed           | 2666 MHz<br>2400 MHz<br>2133 MHz  |
| # of DIMM's            | 24  |
| Max Memory Size        | 3072 GB   |
| Integrated GPU         | Aspeed AST2500  |
| # of 2.5 hot-swap bays | 10  |
| # of PCIe x16 3.0      | 2   |
| # of PCIe x8 3.0       | 2   |
| # of USB Ports         | 2 x USB 3.0 (rear)<br>2 x USB 3.0 (header)<br>1 x USB 3.0 Type A  |
| # of SATA Ports        | 10  |
| Storage Controllers    | 10 x AHCI iSATA 6Gb/s   |
| Integrated RAID        | 0,1,5,10  |
| # of Serial Ports      | 1 x Fast UART 16550 (header)  |
| # of 10GbE Ports       | 2 x SFP+  |
| Network Controllers    | Intel 82599ES Dual port 10Gigabit<br>SFP+   |
| Integrated BMC         | IPMI 2.0<br>KVM-over-LAN<br>Virtual Media over LAN<br>IPMI Dedicated RJ45 PHY   |
| BMC chip               | Aspeed AST2500  |
| Power Supply           | Redundant   |
| PSU Wattage            | 750W  |
| PSU Certification      | 80+ Platinum  |
| Chassis Dimensions     | 437 x 43 x 724mm  |
| Uwagi                  | HDD bays configuration:<br>10x SAS3 ports support (SAS<br>Add-on card is opt.)<br>Network Connectivity<br>Intel 82599ES via AOC-URN2-I2XS |

Poniżej prezentujemy szczegółowy opis techniczny oferowanego produktu:

**UWAGA !!!**

*Ze względu na wysoki stopień integracji platforma dostępna jest tylko i wyłącznie jako gotowy system wraz z CPU, RAM i HDD oraz dodatkowymi kartami rozszerzeń. Prosimy o kontakt z nami w celu przedstawienia oferty na interesującą Państwa konfigurację.*

|   |  |
|---|--|
| Product SKUs<br>[x]<br>SYS-1029U-E1CRTP • SuperServer 1029U-E1CRTP (Black)  | Chassis<br>[x]<br>Form Factor • 1U Rackmount<br>Model • CSE-119UE1C-R751-T   |
| Motherboard<br>[x]<br><a href="#">Super X11DPU</a>  | Dimensions and Weight<br>[x]<br>Height • 1.7" (43mm)<br>Width • 17.2" (437mm)<br>Depth • 27.8" (707mm)<br>Weight • Net Weight: 26 lbs (11.8 kg)<br>• Gross Weight: 41 lbs (18.6 kg)<br>Available<br>Color • Black  |
| Processor/Cache<br>[x]<br>CPU • Dual Socket P (LGA 3647)<br>• Intel® Xeon® Scalable Processors,<br>Dual UPI up to 10.4GT/s<br>• Support CPU TDP 70-205W with IVR<br>Cores • Up to 28 Cores with Intel® HT Technology  | Front Panel<br>[x]<br>Buttons • Power On/Off button<br>• System Reset button<br>• Power LED<br>• Hard drive activity LED<br>• Network activity LEDs<br>LEDs • System Overheat LED / Fan fail<br>LED /<br>UID LED   |
| System Memory<br>[x]<br>Memory Capacity • 24 DIMM slots<br>• Up to 3TB ECC 3DS LRDIMM, 3TB ECC RDIMM, DDR4 up to<br>2666MHz<br>Memory Type • 2666/2400/2133MHz ECC DDR4 SDRAM   | Expansion Slots<br>[x]<br>• 2 PCI-E 3.0 x16 (Full-height, 10.5"<br>L)<br>• 2 PCI-E 3.0 x8 (1 LP, 1 internal LP)  |
| On-Board Devices<br>[x]<br>Chipset • Intel® C621 chipset<br>SATA • SATA3 (6Gbps); RAID 0, 1, 5, 10<br>• 2 10G SFP+ ports via<br>AOC-URN2-I2XS (Intel® 82599ES)<br>• Support for Intelligent Platform<br>Management Interface v.2.0<br>IPMI • IPMI 2.0 with virtual media over<br>LAN and KVM-over-LAN support<br>Graphics • ASPEED AST2500 BMC                          | PCI-Express<br>(Both CPUs need to be installed for<br>full access to PCI-E slots and onboard<br>controllers. See manual block<br>diagram and <a href="#">AOC Support</a> for<br>details.)  |
| Input / Output<br>[x]<br>SAS • 10 SAS3 ports support via expander and storage Add-on Cards<br>LAN • 2 10G SFP+ ports<br>• 1 RJ45 Dedicated IPMI LAN port<br>USB • 5 USB 3.0 ports<br>(2 rear, 2 front, 1 Type A)<br>Video • 2 VGA ports (1 rear, 1 onboard)<br>Serial Port • 1 Serial header  | Drive Bays<br>[x]<br>Hot-swap • 10 Hot-swap 2.5" drives supported<br>via expander<br>[x]   |
| System BIOS<br>[x]<br>BIOS Type • AMI 32Mb SPI Flash ROM  | System Cooling<br>[x]<br>Fans • 8 Heavy duty fans with optimal fan<br>speed control<br>Air Shroud • 1 Air Shroud   |
| Management<br>[x]<br>• Intel® Node Manager<br>• <a href="#">Redfish API</a><br>• <a href="#">IPMI 2.0</a><br>Software • KVM with dedicated LAN<br>• NMI<br>• <a href="#">SSM, SPM, SUM</a><br>• <a href="#">SuperDoctor® 5</a><br>Power Configurations • ACPI Power Management  | Power Supply<br>[x]<br>750W Redundant AC-DC Power Supplies,<br>+12V/+12Vsb output<br>AC Input • 100-127Vac, 50-60Hz<br>• 200-240Vac, 50-60Hz<br>• Max: 62.5A & Min: 0A<br>(100Vac-127Vac)<br>+12V • Max: 62.5A & Min: 0A<br>(200Vac-240Vac)<br>12V SB • Max: 2.1A<br>• Min: 0A   |
| PC Health Monitoring<br>[x]<br>CPU • Monitors for CPU Cores, Chipset Voltages, Memory.<br>• 4+1 Phase-switching voltage regulator<br>FAN • Fans with tachometer monitoring<br>• Status monitor for speed control<br>• Pulse Width Modulated (PWM) fan connectors<br>Temperature • Monitoring for CPU and chassis environment<br>• Thermal Control for 8x fan connectors | Certification [x][x] <b>Platinum Level</b><br>[ <a href="#">Test Report</a> ]  |
|   | Operating Environment<br>[x]<br>RoHS • RoHS Compliant<br>• Operating Temperature:<br>10°C ~ 35°C (50°F ~ 95°F)<br>• Non-operating Temperature:<br>-40°C to 60°C (-40°F to 140°F)<br>Environmental Spec. • Operating Relative Humidity:<br>8% to 90% (non-condensing)<br>• Non-operating Relative Humidity:<br>5% to 95% (non-condensing) |

Strona firmowa produktu:

<https://www.superstorage.pl/supermicro-superserver-sys-1029u-e1crtp-1u-dp-10xsff-2x10gbe-sfp-red-ps-u-p-3160.html>